

Please type a plus sign (+) inside this box ^

+

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

TI-36527

First Inventor

Heping Dai

Title

PROGRAMMABLE CURRENT LIMITING USING A SHUNT  
RESISTOR

Express Mail Label No.

EV 333320779 US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents

**ADDRESS TO:**Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 202311. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original, and a duplicate for fee processing)2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.3. ☒ Specification  
(preferred arrangement set forth below)  
- Descriptive title of the invention  
- Cross Reference to Related Applications  
- Statement Regarding Fed sponsored R & D  
- Reference to sequence listing, a table,  
or a computer program listing appendix  
- Background of the invention  
- Brief Summary of the invention  
- Brief Description of the Drawings (if filed)  
- Detailed Description  
- Claim(s)  
- Abstract of the DisclosureTotal Pages **14**4. ☒ Drawing(s) (35 U.S.C. 113)Total Sheets **3**

5. Oath or Declaration

Total Pages **3**a. ☐ Newly Executed (original or copy)b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 18 completed)i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).c. ☒ Unexecuted Declaration6. ☐ Application Data Sheet. See 37 CFR 1.767. ☐ CD-ROM or CD-R in duplicate, large table or  
Computer Program (Appendix)8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)a. ☐ Computer Readable Form (CRF)

b. Specification Sequence Listing on:

i. ☐ CD-ROM or CD-R (2 copies); orii. ☐ paperc. ☐ Statements verifying identity of above copies**ACCOMPANYING APPLICATION PARTS**9. ☐ Assignment Papers (cover sheet & documents(s))10. ☐ 37 CFR 3.73(b) Statement  
(when there is an assignee) ☐ Power of  
Attorney11. ☐ English Translation Document (if applicable)12. ☐ Information Disclosure  
Statement (IDS)/PTO-1449 ☐ Copies of IDS  
Citations13. ☐ Preliminary Amendment14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)16. ☐ Request and Certification under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form PTO/SB/35  
or its equivalent.17. ☐ Other:18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment,  
or in an Application Data Sheet under 37 CFR 1.76:☐ Continuation☐ Divisional☐ Continuation-in-part (CIP)

of prior application No: \_\_\_\_\_

Prior application information:

Examiner \_\_\_\_\_

Group / Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a  
part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a  
portion has been inadvertently omitted from the submitted application parts.**19. CORRESPONDENCE ADDRESS**

Customer Number or Bar Code Label

**23494**

(Insert Customer No. or Attach bar code label here)



Correspondence address below

NAME

Texas Instruments Incorporated

ADDRESS

Patent Activity

CITY

STATE

ZIP CODE

COUNTRY

TELEPHONE

(972)917-5339

FAX

(972) 917-4418

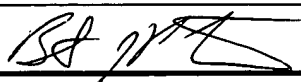
Name (Print/Type)

Bret J. Petersen

Registration No. (Attorney/Agent)

37,417

Signature



Date

10-29-03

# FEE TRANSMITTAL for FY 2001

Compleat If Known

TOTAL AMOUNT OF PAYMENT

(\$ 770.00

Application Number

TBD

Filing Date

Herewith

First Named Inventor

Heping Dai

Examiner Name

TBD

Group Art Unit

TBD

Attorney Docket No.

TI-36527

## METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit  
Account  
Number

20-0668

Deposit  
Account  
Name

Texas Instruments Incorporated

☐ Charge Any Additional Fee Required  
Under 37 CFR 1.16 and 1.17

☐ Applicant claims small entity status.  
See 37 CFR 1.27

2. ☐ Payment Enclosed:

☐ Check ☐ Credit card ☐ Money Order ☐ Other

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
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105	130	205	65	Surcharge - late filing fee of oath	
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127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
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139	130	139	130	Non-English specification	
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147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination	
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112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
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113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
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115	110	215	55	Extension for reply within first month	
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116	390	216	195	Extension for reply within second month	
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117	890	217	445	Extension for reply within third month	
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118	1,390	218	695	Extension for reply within fourth month	
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128	1,890	228	945	Extension for reply within fifth month	
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119	310	219	155	Notice of Appeal	
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120	310	220	155	Filing a brief in support of an appeal	
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121	270	221	135	Request for oral hearing	
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138	1,510	138	1,510	Petition to institute a public use proceeding	
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140	110	240	55	Petition to revive - unavoidable	
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144	1,240	241	620	Petition to revive - unintentional	
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142	1,330	242	620	Utility issue fee (or reissue)	
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143	440	243	220	Design issue fee	
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144	600	244	300	Plant issue fee	
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122	130	122	130	Petitions to the Commissioner	
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123	130	123	130	Petitions related to provisional applications	
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126	180	126	180	Submission of information Disclosure Stmt	
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581	40	581	40	Recording each patent assignment per property (times number of properties)	
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146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))	
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149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))	
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179	710	279	355	Request for Continued Examination (RCE)	
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169	900	169	900	Request for expedited examination of a design application	
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Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
101	710	201	355	Utility filing fee	\$770
106	320	206	160	Design filing fee	
107	490	207	245	Plant filing fee	
108	710	208	355	Reissue filing fee	
114	150	214	75	Provisional filing fee	
SUBTOTAL (1)					(\$770

### 2. EXTRA CLAIM FEES

Extra Claims	Fee from below	Fee Paid
Total Claims 20 -20**=	X 18	=
Independent Claims 2 -3**=	X 86	=
Multiple Dependent	0	=

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	84	202	40	Independent claims in excess of 3
104	280	204	135	Multiple dependent claim, if not paid
109	84	209	40	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

\*\*or number previously paid, if greater; For Reissue, see above

SUBMITTED BY

Bret J. Petersen

Name (Print/Type)

Registration No.  
(Attorney/Agent)

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Signature

Date

10-29-07